

SQL Server → PostgreSQL Migration Pack

Eighteen checks. Nothing proceeds until every box is honestly ticked.

Pack	SQL Server → PostgreSQL Migration Pack
Document	SSIS assessment (18 checks)
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HOW TO USE

How to use

Assign an owner per check. A check is done when there is evidence — a script, a diagram, a rehearsal log — not when someone says it is.

ASSESSMENT CHECKS

Assessment checks

- ☐ **Package inventory complete**
Every .dtsx cataloged: project vs. package deployment model, location, owner.
- ☐ **Execution inventory**
Which packages run on schedules, which run ad hoc, and which are triggered by applications.
- ☐ **Data flow sources**
Source components listed per package; SQL Server sources need PostgreSQL-compatible drivers.
- ☐ **Data flow destinations**
OLE DB/ADO.NET destinations re-pointed and tested against PostgreSQL (types, bulk load).
- ☐ **Script tasks/components**
C# / VB script inventory — these never auto-convert; each needs a rewrite decision.
- ☐ **Custom components**
Third-party or custom data-flow components flagged; no PostgreSQL equivalent guaranteed.
- ☐ **Connection managers**
OLE DB connections replaced with PostgreSQL providers; connection strings centralized.
- ☐ **Package configurations**
XML configs, environment variables, and SSISDB environments mapped to the new platform's config.
- ☐ **Parameters & variables**
Project/package parameters documented; sensitive values moved to the secrets store.
- ☐ **Logging & auditing**
SSISDB execution logging replaced with orchestrator-native logging; audit requirements preserved.
- ☐ **Error handling**
OnError handlers, checkpoints, and restartability designed in the target (SSIS checkpoints don't transfer).
- ☐ **Transactions**
Package transaction settings reviewed; distributed transactions need redesign.
- ☐ **Performance baseline**
Current package durations captured; target SLAs set before rewrite begins.
- ☐ **Target platform chosen**
Rewrite target selected per package: Python/Airflow, Dagster, cloud-native, or retained SSIS on PostgreSQL via ODBC — with rationale.
- ☐ **Deployment pipeline**
Packages deploy through CI/CD like application code; no manual SSDT deploys.



Testing per package

Row-count and checksum parity tests per package before its wave cuts over.



Cutover order

SSIS-dependent waves sequenced after their database waves validate.



Decommission

SSISDB/catalog retired per wave after the replacement proves stable for one full cycle.